

**United States Environmental Protection Agency
Region V
POLLUTION REPORT**

EPA Region 5 Records Ctr.



387324

Date: Friday, April 16, 2010**From:** Anita L. Boseman

To: David Chung, US EPA HQ
Jason El-Zein, US EPA R5
Bill Messenger, US EPA R5
Cheryl McIntyre, US EPA R5
Robert Paulson, US EPA R5
Coast Guard, USCG
Harry Atkinson, IDEM

Charles Gebien, US EPA R5
Carl Norman, US EPA R5
Richard Murawski, US EPA R5
Jeff Kelley, US EPA R5
M. Chezik, U.S. DOI
Max Michael, IDEM

Subject: Time Critical Removal Action
State Plating
450 North 9th St., Elwood, IN
Latitude: 40.2830390
Longitude: -85.8517070

POLREP No.: 23
Reporting Period: April 12-16, 2010
Start Date: 10/12/2009
Mob Date: 10/12/2009
Demob Date:
Completion Date:
CERCLIS ID #: INN000510359
RCRIS ID #:

Site #: B5SG
D.O. #: 07
Response Authority: CERCLA
Response Type: Time-Critical
NPL Status: Non NPL
Incident Category: Removal Action
Contract # EP-S5-08-04

Site Description

See POLREP #1

Current Activities

On April 12, 2010, the removal of sludge from Pits 2 and 3 continued with the use of a 3,300 gallon Vacuum Tanker. All sludge removed by the Vacuum Tanker was transferred into a 25 yd3 sludge box for later disposal. Approximately 1,500 gallons were removed. Ambient air inside the facility was monitored for the following parameters with the use of 4 AreaRaes: Lower Explosive Limit (LEL), Carbon Monoxide (CO), Hydrogen Cyanide (HCN), Hydrogen Sulfide (H2S), Volatile Organic Compounds (VOC) and Oxygen (O2). Also 2 DataRam were used via ERT's RAT to provide real time dust particulate monitoring. All work was performed in Level C.

On April 13, 2010, the removal of sludge from Pit 3 and VAT 58 continued with the use of a 3,300 gallon Vacuum Tanker. All sludge removed by the Vacuum Tanker was transferred into a 25 yd3 sludge box for later disposal. Approximately 1,900 gallons were removed. Heritage Transport picked up one 25 yd3 sludge box of Hazardous Waste sludge. Real-time monitoring of the ambient air inside the facility was performed with the use of 2 DataRam/RAT and 4 AreaRaes. All work

was performed in Level C.

On April 14, 2010, the removal of sludge from Pit 3 continued, while the removal of sludge from VAT 58 was completed with the use of a 3,300 gallon Vacuum Tanker. All sludge removed by the Vacuum Tanker was transferred into a 25 yd³ sludge box for later disposal. Approximately 3,000 gallons were removed. Heritage Transport picked up one 25 yd³ sludge box of Hazardous Waste sludge. Real-time monitoring of the ambient air inside the facility was performed with the use of 2 DataRam/RAT and 4 AreaRaes. All work was performed in Level C.

On April 15, 2010, cutting and staging of hazardous debris from former plating processes continued. Real-time monitoring of the ambient air inside the facility was performed with the use of 2 DataRam/RAT and 4 AreaRaes. All work was performed in Level C.

On April 16, 2010, cutting and staging of hazardous debris from former plating processes continued. Real-time monitoring of the ambient air inside the facility was performed with the use of 2 DataRam/RAT and 4 AreaRaes. All work was performed in Level C.

Next Steps

- Continue real-time air monitoring of the ambient air inside the facility with the use of DataRams/RAT and AreaRaes.
- Continue preparing process lines for disposal.
- Continue onsite security during non-working hours.

Key Issues

None.

Estimated Costs *

	Budgeted	Total To Date	Remaining	% Remaining
Extramural Costs				
ERRS - Cleanup Contractor	\$1,259,536.00	\$1,231,571.71	\$27,964.29	2.22%
RST/START	\$175,000.00	\$163,782.19	\$175,000.00	6.41%
Intramural Costs				
Total Site Costs	\$1,434,536.00	\$1,395,354.00	\$39,182.00	2.73%

* The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The OSC does not necessarily receive specific figures on final payments made to any contractor(s). Other financial data which the OSC must rely upon may not be entirely up-to-date. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

Disposition of Wastes

TOTAL TO DATE:

Bulk Liquids (Approximate)

24,544 gallons of Hazardous Waste Liquids D008 (Lead) have been transported to Vickery, OH for disposal.

45,435 gallons of Hazardous Waste Liquids D007 (Chromium, Nickel) have been transported to Vickery, OH for disposal.

4,990 gallons of Waste Corrosive, Basic, Inorganic D002, D007 (Chromium, Nickel) have been transported to Vickery, OH for disposal.

41,463 gallons of Waste Corrosive, Acidic, Inorganic D002, D007, D008 (Sulfuric Acid, Hydrochloric Acid) have been transported to Vickery, OH for disposal.

10,163 gallons of Waste Sodium Hydroxide Solution, D002, D007 have been transported to Vickery, OH for disposal.

3,384 gallons of Waste Sodium Hydroxide Solution, D002, D007, D008, D022 have been transported to Vickery, OH for disposal.

15,231 gallons of Waste Corrosive Liquid, Acidic, Inorganic, D002, D007, D008, D010 (Chromic Acid, Hydrochloric Acid, Sulfuric Acid, Nitric Acid) have been transported to Vickery, OH for disposal.

80 cubic yards of Hazardous Waste, Liquid, Sludge, D007, D008, (Chromium, Lead) have been transported to Indianapolis, IN for disposal.

2,600 gallons of Waste Corrosive Liquid, Basic, Inorganic, D002, D007 (Sodium Hydroxide) have been transported to Indianapolis, IN for disposal.

Bulk Solids (Approximate)

12,000 lbs of Hazardous Waste Solid, D007, D008, (Chromium, Lead) have been transported to Detroit, MI for disposal.

44,000 lbs of Hazardous Waste Solid, Debris, D007, D008, D018 (Chromium, Lead, Benzene) have been transported to Detroit, MI for disposal.

Waste Stream	Quantity	Manifest #	Disposal Facility
Hazardous Waste, Liquid, Sludge, D007, D008, (Chromium, Lead)	30 cubic yds	000325176WAS	Heritage Environmental Services, LLC, Indianapolis, IN
Hazardous Waste, Liquid, Sludge, D007, D008, (Chromium, Lead)	25 cubic yds	000325302WAS	Heritage Environmental Services, LLC, Indianapolis, IN
Waste, Corrosive, Liquid, Basic, Inorganic, D007, D002 (Sodium Hydroxide)	2,600 gal	000325333WAS	Heritage Environmental Services, LLC, Indianapolis, IN

www.epaosc.org/stateplating